

SWALLOW:

A NEW

ALMANACK

For the Year of our

LORD GOD,

1708.

Being the Bisextile or Leap-year,
and from the Worlds Creation,

5709.

Calculated properly for the famous
University and Town of Cambridge, where
the North-Pole is elevated 52 degrees
12 min. above the Horizon.

And may serve indifferently for any other place
of this Kingdom.

Omnia falce metit tempus.

L O N D O N:

Printed by John Barber, for the Company
of STATIONERS, 1708.



January hath xxxi. Days.

Left quarter the 3 day, 22 min. past 6 at night.

New moon the 11 day, 6 min. past 11 at night.

First quarter the 19 day, 26 min. past noon.

Full moon the 26 day, 57 min. past 4 in the morning.

1	a	Circumcision	21	29	Virgo	25	Sleet of snow
2	b	Octab. Steph.	22	30	Libra	8	and a quanti-
3	c	Octab. John	23	31		21	ty of slabby
4	d	Octob. Innoc.	24	32	Scorp.	5	weather.
5	e	Simeon	25	33		15	
6	f	Epiphany	26	34		27	
7	g	Juliana	27	35	Sagit.	9	Winds produ-
8	a	Erhard	28	36		21	cing snow or
9	b	Marcellus	29	37	Capr.	3	cold rain.
10	c	Agathus	0	38		14	
11	d	1 after Epiph.	1	39		27	
12	e	Reinhold	2	40	Aqua.	9	
13	f	Hilarius	3	41		21	Store of win-
14	g	Felicia	4	42	P.sces	3	terly weather
15	a	Maurice.	5	43		16	about this
16	b	Marcell.	6	44		29	time.
17	c	Anthony	7	45	Aries	12	
18	d	2 after Epiph.	8	46		25	
19	e	Fab. feb.	9	47	Taur.	10	Frosty and
20	f	Octab. Hilar.	10	48		23	fair, but very
21	g	Agnes	11	49	Gem.	7	cold.
22	a	Vincent	12	50		22	
23	b	Term begins	13	51	Cancer	7	
24	c	Timothy	14	51		21	
25	d	Conv. S. Paul	15	52	Leo	6	Towards the
26	e	Polycarp	16	53		21	end much
27	f	Quind. Hilar.	17	54	Virgo	5	snow or cold
28	g	Car. Mag.	18	55		19	rain.
29	a	Valerius	19	55	Libra	3	
30	b	K. C. I. Marc.	20	56		16	
31	c	Saturn	21	57		28	Variable.

February hath xxix. Days.

Last quarter the 2 day, 34 min. past 1 afternoon.

New moon the 10 day, 7 min. past 4 afternoon.

First quarter the 17 day, 32 min. past 9 at night.

Full moon the 24 day, 33 min. past 4 afternoon.

W	Festival Days with Terms.	place d. m.	Moons place.	Inclination of the Air.
1 D	Septuagesima	22 57	Scorp.	11
2 E	Purif. V. M.	23 58		23
3 F	Craft. Purif.	24 58	Sagit.	5
4 G	Veronica	25 59		17
5 A	Agatha	26 59		28
6 B	Q. ANN born	28 0	Capri.	10
7 C	Angus	29 0		23
8 D	Sexagesima	0 1	Aqua	5
9 E	Apollin.	1 1		17
10 F	Octab. Purif.	2 1	Pisces	0
11 G	Eupha.	3 2		13
12 A	Term ends	4 2		26
13 B	Eustace	5 2	Aries	9
14 C	Valentine	9 2		23
15 D	Shrove Sund.	7 2	Taur.	6
16 E	Polycron	8 3		20
17 F	Hugo	9 3	Gem.	4
18 G	Concordance	10 3		18
19 A	Roman	11 3	Cancer	2
20 B	Mildred	12 3		16
21 C	Esaia	13 3	Leo	1
22 D	Quadrages.	14 3		15
23 E	Polycarp	15 3		29
24 F	St. Matthias	16 3	Virgo	14
25 G	Inv. P.	17 3		27
26 A	Simeon	18 2	Libra	11
27 B	Augustin	19 2		24
28 C	Oswald	20 2	Scorp.	7
29 D	2 Sund. Lent.	21 2		19

Rough winds
bringing some
showers.

Dark cloudy
weather some
days together.

Some cold
falling rains
about this
time.

Indifferent
good weather
at this time.

Rain and much
slabby wea-
ther.

March hath xxxi. Days.

Last quarter the 3 day, 7 min. past 6 in the morning.
 New moon the 11 day, 30 min. past 6 in the morn.
 First quarter the 18 day, 18 min. past 4 in the morn.
 Full moon the 25 day, 46 min. past 5 in the morn.

1	D	David	22	2	Sagit.	1	
2	E	Chad.	23	2		13	Rough winds
3	F	Maurice	24	1		25	somewhat stor-
4	B	Adrian.	25	1	Capr.	7	my and cold.
5	A	Phocas	26	1		19	
6	H	Victor.	27	0	Tuar,	1	
7	C	3 Sund. Lent.	28	0		13	
8	N	Q. Ann's Day	28	59		26	Windy yet and
9	E	Apollon.	29	59	Pisces	9	following rain
10	F	Agapit.	0	58		22	for several days
11	B	40. Mart.	1	57	Aries	5	
12	A	Gregory	2	57		19	
13	H	Euphros.	3	56	Taur.	2	
14	C	Midlent Sund.	4	56		17	Fair and warm
15	D	Agapit. M.	5	55	Gem.	1	but overcast
16	E	Hilarius.	6	54		15	for some time.
17	F	Gertrude	7	53		29	
18	B	Edward R.	8	51	Canc.	13	
19	A	Joseph	9	50		27	some hasty
20	H	Cuthbert	10	49	Leo	11	showers may
21	C	5 Sund. Lent.	11	48		25	now be expect-
22	D	Aphrodso	12	47	Virgo	9	ed.
23	E	Theodore	13	46		22	
24	F	Sophia	14	45	Libra	6	
25	B	Lady Day	15	44		19	
26	A	Caster. M.	16	43	Scorp.	2	Warm fruitful
27	H	Mercian.	17	42		15	rains about this
28	C	Palm Sunday	18	40		27	time.
29	N	Victorin.	19	39	Sagit.	9	
30	E	Felix	20	38		21	
31	F	Quirinus	21	37	Capr.	3	

April hath xxx Days.

Last quarter the 2 day, 40 min. past 6 in the afternoon.
 New moon the 9 day, 50 min. past 5 afternoon.
 First quarter the 16 day, 15 min. past 1 afternoon.
 Full moon the 23 day, 11 min. past 7 at night.

1	Theodore	22	36	Capr.	15	Warm plea-
2	Mar. Egypt.	23	34		27	sant and very
3	Richard	24	33	Aquar.	9	seasonable.
4	Easter Day	25	31		21	
5	Martian.	26	30	Pisces	3	
6	Sixtus	27	29		16	
7	Euphem.	28	28		29	Some rough
8	Dionysius	29	26	Aries	13	stormy wea-
9	Vincent	08	25		27	ther expected.
10	Leo P.	1	23	Taur.	12	
11	Low Sunday.	2	21		26	
12	Eugenia	3	19	Gem.	11	
13	Sother	4	18		25	Some showers
14	Tiburtia	5	17	Canc	10	at, or about
15	Perpetua.	6	15		24	this time.
16	Isidorus	7	13	Leo	8	
17	Osmond	8	11		22	
18	2 after Easter	9	9	Virgo	5	
19	Quinq. Pasch	10	7		19	Fair dry and
20	Ananias	11	5	Libra	2	warm for some
21	Term begins	12	3		15	time.
22	Quintil.	13	1		28	
23	S. GEORGE	13	59	Scorp.	11	
24	Wilfridus	14	57		23	
25	St. Mark	15	55	Sagit.	5	Good weather
26	Tref. Pasch.	16	53		17	to the end of
27	Anastaf.	17	51		29	the Month.
28	Vitalis M.	18	49	Capr.	11	
29	P. Mart.	19	46		23	
30	Eutrop.	20	44	Aqua	5	

May hath xxxi. Days.

Last quarter the 1 day, 5 min. past 10 at night.
 New moon the 9 day, 40 min. past 2 in the morning.
 First quarter the 15 day, 48 min. past 5 at night.
 Full moon the 23 day, 46 min. past 9 in the morning.
 Last quarter the 31 day, 24 min. past 1 afternoon,

1	h	Phil. and Jac.	21	42	Aqua.	17	
2	C	4 after Easter.	22	39		29	May begins
3	d	Menf. Pasch.	23	37	Pisces	12	cold and dry
4	e	Christopher	24	35		24	and seasonable
5	f	Gothard	25	33	Aries	8	
6	g	Jo. P. L.	26	30		21	
7	a	J. Beverly	27	27	Taur.	6	
8	b	Ap. S. Mich.	28	25		20	Some refresh.
9	C	Rogat. Sund.	29	23	Gem.	5	ing showers
10	d	Q. ind. Pasch.	30	21		20	now abouts.
11	e	Mameret	1	18	Canc.	5	
12	f	Merens.	2	15		20	
13	g	Ascen. Day.	3	13	Leo	4	
14	a	Craft. Ascen.	4	11		18	Gentle winds
15	b	Sophia	5	8	Virgo	2	but no rain
16	C	6 after Easter.	6	6		15	present.
17	d	Term ends	7	3		29	
18	e	Dionysius	8	0	Libra	12	
19	f	Potentia	8	58		25	
20	g	Dunstan	9	55	Scorp.	7	Showers in se.
21	a	Helena	10	52		20	veral places.
22	b	Adelmas	11	49	Sagit.	2	
23	C	Whit. Sund.	12	47		14	
24	d	Brandin	13	45		26	
25	e	Urban	14	42	Capr.	8	The month
26	f	Dioscord.	15	40		20	concludes with
27	g	Beda V.	16	38	Aqua.	1	fair and plea-
28	a	German.	17	35		13	sant weather.
29	b	K. G. II. Rec.	18	32		25	
30	C	Trinity Sund.	19	29	Pisces		
31	d	Craft. Trin.	20	26		2	

June hath xxx. Days.

New moon the 7 day, 11 min. past 10 in the morn.
 First quarter the 14 day, 34 min. past 9 at night.
 Full moon the 22 day, 6 min. past 1 in the morning
 Last quarter the 29 day, 33 min. after midnight.

1	e	Nicomed.	21	23	Aries	3	
2	e	Marcell.	22	21		16	Pleasant gails
3	B	Erasmus	23	18		30	of wind for
4	a	Term begins	24	15	Taur.	14	several days.
5	b	Boniface	25	12		28	
6	C	1 after Trin.	26	9	Gem.	13	
7	D	Octab. Trin.	27	7		28	
8	e	Medardus	28	4	Canc.	14	Some warm
9	f	Tr. Edmond	29	1		29	showers with
10	G	Getulius	29	58	Leo	14	thunder.
11	a	S. Barnabas	0	55		28	
12	b	Basil	1	53	Virgo	12	
13	C	2 after Trinit	2	50		25	
14	D	Quind Trin.	3	47	Li ra.	9	Fair and cool
15	e	Vitus, &c.	4	45		22	cloudy but no
16	f	Tr. Richard	5	42	Scorp.	4	rain at present
17	G	Botolph	6	39		17	
18	a	Marc. Mar.	7	36		29	
19	b	Mercellus	8	33	Sagit.	11	
20	C	3 after Trin.	9	30		23	Hasty shower.
21	D	Tref. Trin.	10	27	Capr.	5	with thunder
22	e	Alban	11	25		17	and lightning.
23	f	Term ends	12	22		28	
24	a	S. John Bap.	13	19	Aqua.	10	
25	b	Amandus	14	16		22	
26	C	Leo Ep.	15	13	Pisces	4	
27	D	4 after Trin.	16	10		16	Very warm
28	e	Leo P.	17	7		29	and continues
29	f	S. Pet. & Paul	18	4	Aries	12	some days.
30	G	Com. Paul.	19	1		20	

July hath xxxi. Days.

New moon the 6 day, 3 min. past 5 in the afternoon.
 First quarter the 13 day, 41 min. past noon.
 Full moon the 21 day, 8 min. past 4 afternoon.
 Last quarter the 29 day, 54 min. past 9 in the morning

1	g	Tr. Sirith	19	59	Taur.	8	
2	a	V. Mary	20	56		22	High and trou-
3	b	Kenelm.	21	53	Gem.	7	blesome winds
4	C	5 after Trin.	22	50		22	at the begin-
	a	Z a Virg.	23	48	Canc.	7	ning.
6	e	O& Pet.	24	45		22	
7	f	Apollin.	25	43	Leo	7	
8	g	Dep. Grim.	26	40		22	Flying clouds
	a	Cynil Ep.	27	37	Virgo	7	producing rain
	b	Sept. Frat.	28	34		2	but not much.
11	C	6 after Trin.	29	31	Libra	5	
12	d	Sun in Leo	c	Ω		18	
13	e	Anaclet.	1	26	Scorp.	1	
14	f	Bonavent.	2	24		13	Warm showe-
15	g	Swit in	3	21		26	ry weather,
16	a	Osmand	4	18	Sagit.	8	with some
17	b	Alexis	5	16		20	thunder.
18	C	7 after Trin.	6	1	Capr.	1	
19	d	Ruffus	7	11		13	
20	e	Margaret	8	8		25	Warm pleasant
21	f	Praxed	9	5	Aqua	7	and good har-
22	g	Dog days beg.	10	3		19	vest weather.
23	a	Apollin.	11	0	Pisces	1	
24	b	Christiana	11	57		14	
25	C	S. James	12	55		26	
26	d	Anna	13	52	Aries	5	Cloudy but
27	e	Sept. Dov.	14	50		21	fair, and very
28	f	Felix, &c.	15	47	Taur	5	seasonable for
29	g	Martha	16	45		18	the time.
30	a	Abdon.	17	42	Gem.	2	
31	b	German	18	40		16	

August hath xxxi. Days.

New moon the 4 day, 50 min. past 4 afternoon.
 First quarter the 12 day, 20 min. past 3 in the morn.
 Full moon the 20 day, 6 min. past 7 in the morning.
 Last quarter the 27 day, 54 min. past 4 afternoon.

1	C	Lammas day	19	38	Canc.	0	
2	D	Stephen	20	35		15	Now we may
3	E	Dominic.	21	33		29	expect fre-
4	T	Justin	22	31	Leo	14	quent showers
5	B	Fest. Nevis	23	29		29	of rain.
6	A	Sixtus	24	27	Virgo	14	
7	H	Tr. Christi	25	2		28	
8	C	10 after Trin.	26	22	Libra	12	Warm and ve-
9	D	Julian	27	20		26	ry delightful
10	E	Laurence	28	18	Scorp.	9	weather.
11	F	Roman.	29	16		22	
12	G	Sun in Virgo.	C mp	14	Sagit.	4	
13	A	Hyppolyt.	1	12		16	
14	H	Eusebius	2	9		28	Seasonable and
15	C	11 after Trin.	3	7	Capr.	10	very good har-
16	D	Rachus.	4	5		22	vest weather.
17	E	Octa ^b . Law	5	3	Aqua	4	
18	F	Agapitus	6	2		16	
19	B	Mag. Mart.	7	0		28	
20	A	Leonard	7	58	Pisces	10	Some thunder,
21	H	Bernard	8	56		23	showers about
22	C	12 after Trin.	9	54	Aries	6	this time:
23	D	Donatus	10	52		19	
24	E	St. Barthol.	11	50	Taur.	2	
25	F	Ludovick	12	49		15	
26	G	Severin.	13	47		28	Serene and
27	A	Dog days end.	14	45	Gem.	12	temperate
28	H	Augustin	15	44		26	weather to the
29	C	13 after Trin.	16	42	Canc.	10	end of the
30	D	Felix	17	41		25	Month.
31	E	Paulinus	18	39	Leo	9	

September hath xxx Days.

New moon the 3 day, 2; min. past 9 in the morning.
 First quarter the 10 day, 4 min past 9 at night.
 Full moon the 18 day, 21 min past 9 at night.
 Last quarter the 25 day, 45 min. past 11 at night.

1	t	Aegidius	19	38	Leo	24	
2	g	Anthony	20	36	Virgo	9	Some stormy
3	a	Lupus	21	35		23	weather about
4	b	Cuthbert	22	33	Libra.	7	this time.
5	c	14 after Trin	23	32		21	
6	d	Eugenius	24	31	Scorp.	4	
7	e	Nat. Eiz. R.	25	29		17	
8	f	Nat. V. M.	16	28	Sagit.	0	Some drizzling
9	g	Gorgon	27	27		12	rains and a
10	a	Silvinius	28	26		24	misty and
11	b	Maurice	29	25	Capr.	6	moist air.
12	c	Sun in Libra	0	24		18	
13	d	Amantius	1	23		30	
14	e	Exalt. Cracis.	2	22	Aqua.	12	Fair tho' high
15	f	Nicom. d.	3	21		24	rushing winds
16	g	Edith	4	20	Pisces	6	about this
17	a	Lambert	5	20		19	time.
18	b	Januar.	6	19	Aries	2	
19	c	16 after Trin.	7	18		15	
20	d	Eustace	8	17		28	Seasonable
21	e	S. Matthew	9	16	Taur.	11	rain helping
22	f	Maurice	10	15		25	the latter
23	g	Tecla V.	11	14	Gem.	9	spring.
24	a	Androch.	12	13		23	
25	b	Firmicus	13	13	Canc.	7	
26	c	17 after Trin	14	12		21	Somewhat
27	d	Casim Da.	15	12	Leo	5	windy and
28	e	Augustin	16	11		19	stormy at or
29	f	S. Michael	17	11	Virgo	4	near this time.
30	g	Hieronym	18	10		18	

October hath xxxi. Days.

New moon the 2 day, 40 min. past 8 at night.

First quarter the 10 day, 22 min. past 4 afternoon.

Full moon the 18 day, 37 min. past 10 in the morning.

Last quarter the 25 day, 30 min. past 6 in the morning.

1	a	Remigius	19	10	Libra.	2	
2	b	Leodegar	20	9		16	Showery wea-
3	c	18 after Trin.	21	9		29	ther attends
4	a	Francis	22	9	Scorp.	12	the season.
5	e	Apollin.	23	8		25	
6	f	Fid. s	24	8	Sagit.	8	
7	g	Marc. M.	25	8		20	
8	a	Pelagia	26	8	Capri.	3	mild and fa-
9		Dionysius	27	7		14	ourable wea-
10	c	19 after Trin.	28	7		26	ther for some
11	d	Nicasius	29	7	Aqua.	8	days.
12	e	Sun in Scorp.	c m	7		20	
13	f	Edward	1	7	Pisces	2	
14	g	Calixtus	2	7		14	misty morn-
15	a	Wolfrag	3	7		27	ings yet warm
16	d	Gallus	4	7	Aries	10	and pleasant
17	c	20 after Trin.	5	7		23	after.
18	d	S. Luke	6	7	Taur.	7	
19	e	Frifdwid	7	7		21	
20	f	Tres. Mich	8	8	Gem.	5	Showers doing
21	g	40 V. Mart.	9	8		19	rather good
22	a	Severus	10	8	Canc.	4	than harm.
23	b	Term begins	11	8		18	
24	c	21 aft. Trin.	12	8	Leo	2	
25	d	Mar. Sal.	13	9		16	
26	e	Crisp.	14	9	Virgo	8	Cold winds
27	f	Menl. Mich.	15	9		14	and more se-
28	g	S. Si. & Jude	16	10		28	vere weather
29	a	Narcissus	17	10	Libra.	11	towards the
30	b	German	18	10		25	months end.
31	c	22 after Trin.	19	11	Scorp.	5	

November hath xxx. Days.

New moon the 1 day, at 11 before noon.

First quarter the 9 day, 43 min. past 1 in the afternoon.

Full moon the 16 day, 44 min. past 10 at night.

Last quarter the 23 day, 45 min. past 3 in the afternoon.

1	d	All Saints.	20	12	Scorp.	21	
2	e	All Souls.	21	12	Sagit.	4	The month be-
3	e	Winifrid	22	13		16	gins with
4	g	Amantius	23	13		28	snow, or cold
5	a	Powder Plot	24	14	Capri.	10	rain.
6	b	Leonard	25	14		22	
7	c	23 after Trin.	26	15	Aqua	4	
8	e	Quat. Cor.	27	16		16	Variable and
9	e	Theodore	28	17		28	unconstant
10	g	Martin, P.	29	18	Pisces	10	weather at
11	a	Sun in Sagit	02	19		22	present.
12	b	Craft. Mart.	1	20	Aries	5	
13	c	Brice	2	21		18	
14	e	24 after Trin.	3	21	Taur.	2	Cold winds
15	e	Eugenius	4	22		16	and black
16	g	Edmond	5	23	Gem.	0	frosts at this
17	a	Hugo	6	24		15	time.
18	b	Oct. Mart.	7	25		29	
19	c	Elizabeth	8	26	Canc.	14	
20	e	Edmond R.	9	27		28	Some rough
21	g	25 after Trin	10	28	Leo	13	winds and stor-
22	a	Cecilia	11	29		27	my weather.
23	b	Clement	12	30	Virg.	11	
24	e	Grisogon	13	31		24	
25	g	Quind. Mart.	14	32	Libra	8	The weather
26	a	Linus	15	33		21	now proves
27	b	Term ends	16	34	Scorp.	4	moderate and
28	c	Advent Sund.	17	35		17	healthful.
29	e	Saturn	18	36	Sagit.	0	
30	g	St. Andrew	19	37		12	

December hath xxxi. Days.

New moon the 1 day, 30 min. past 3 in the morning.
 First quarter the 9 day, 4 min. past 9 in the morning.
 Full moon the 16 day, 32 min. past 7 in the morning.
 Last quarter the 23 day, 9 min. past 2 in the morning.
 New moon the 30 day, 24 min. past 10 at night.

1	E	Daniel	20	38	Sagit	24	Sleet of snow,
2	B	Libanus	21	39	Capr.	7	being a moist
3	a	Dep. Osm.	22	40		18	and slabby
4	b	Barbara	23	42	Aqua	0	time.
5	C	2 Sun. in Adv.	24	43		12	
6	d	Nicholas	25	44		21	
7	e	Ambrose	26	45	Pisces	6	Fair and frosty
8	f	Concep. M.	27	47		18	several days
9	B	Cyprian.	28	48	Aries	0	together.
10	a	Eulalia	29	49		13	
11	b	Sun in Capric.	0	50		26	
12	C	3 Sun. in Adv.	1	51	Taur.	10	
13	d	Lucia	2	53		24	Clear frosty
14	e	Auxentius	3	54	Gem.	9	night, and sun-
15	f	Valerian	4	55		24	shine days.
16	g	Annianus	5	57	Canc.	9	
17	a	Ignatius	6	58		24	
18	b	Gratian	7	59	Leo	8	
19	C	4 Sun in Adv.	9	0		23	A moist air in-
20	d	Julian	10	2	Virgo	7	clined to snow,
21	e	St. Thomas	11	3		21	or cold rain.
22	f	20 Mart	12	4	Libra	5	
23	g	Victor	13	6		18	
24	a	Adam & Eve	14	7	Scorp.	1	
25	b	Christmas day	15	8		14	A frost air and
26	C	St. Stephen	16	9		27	the cold at this
27	d	St. John	17	10	Sag t.	9	time increas-
28	e	St. Innocents	18	11		22	eth.
29	f	Jonathan	19	12	Capri.	3	
30	g	David	20	13		15	
31	a	Silvester	21	14		27	Snow or rain.

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A Regal Table in a more exact manner.

The Year, Month, and Day, (recounting the Year to begin Jan. 1.) whereon every King and Queen of Eng. since the Conquest began their Reign.			The number of Years, Months, and Days, that every K. and Q. reigned 28 d. to a month.			The num. of Y. expired in this Y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20	y	11	m	22	d 642
W. Rufus	1087	Sept. 9	12	y	11	m	18	d 621
Henry	1100	August 1	35	y	14	m	11	d 608
Steven	1135	Decem. 2	18	y	11	m	18	d 573
Henry	1154	Octob. 25	34	y	9	m	2	d 554
Richard	1189	July 6	9	y	9	m	0	d 519
John	1199	April 6	17	y	7	m	0	d 509
Henry	1216	Octob. 19	56	y	1	m	0	d 487
Edward	1272	Nov. 16	34	y	8	m	6	d 442
Edward	1307	July 7	19	y	7	m	5	d 401
Edward	1327	Jan. 25	50	y	5	m	7	d 381
Richard	1377	June 21	22	y	3	m	14	d 331
Henry	1399	Sept. 29	13	y	6	m	3	d 309
Henry	1413	March 20	9	y	5	m	24	d 295
Henry	1422	August 31	38	y	6	m	16	d 286
Edward	1461	March 4	22	y	1	m	8	d 247
Edward	1483	April 9	0	y	2	m	18	d 225
Richard	1483	June 22	2	y	2	m	5	d 225
Henry	1485	August 22	23	y	10	m	24	d 223
Henry	1509	April 22	37	y	10	m	2	d 199
Edward	1547	Jan. 28	6	y	5	m	19	d 162
Q. Mary	1553	July 6	5	y	4	m	22	d 155
Q. Elizabeth	1558	Nov. 17	44	y	4	m	13	d 150
James	1603	March 4	22	y	0	m	3	d 106
Charles	1625	March 27	22	y	10	m	3	d 83
Charles	1648	Jan. 30	36	y	0	m	0	d 59
James	1685	Febr. 6	4	y	0	m	0	d 23
William	1688	Feb. 13	4	y	0	m	22	d 19
Mary	1688	Feb. 13	6	y	10	m	15	d 6
Qu. Anne	1702	March 8	God grant long to Reign.					

The Use of the Table in Example.

King Henry 8 began his Reign in the Year of Christ 1509. April 22. He reigned 37 years, 10 months, and 2 days. It is since he began his Reign 198 Years compleat the 22 of April this Year 1708. Now to know the time since the end of his Reign, before his Name standing on the right hand, you shall there find 162 Years since he died, Jan. 28. and so of the rest.

SWALLOW.

SWALLOW.

The latter Part of this

ALMANACK

For the Year of our:

LORD GOD

1708.

Being the Bissextile or Leap Year,
and from the Conquest of *England* by
William Duke of Normandy, 642 Years.

Wherein is contained an Account of the Eclipses,
the Time of the Sun's Entrance into the Four Car-
dinal Signs. Likewise a Table, shewing the Time
of the Moons coming to the South, and Quantity
of her shining, &c. With an Account of the
Moveable Feasts, of Time, of a Day, of a Week,
of a Month, of a Year, and of the Leap Year,
and of these severally. A Table of Weights and
Measures, and the Value of Foreign Coins in
English Money. Also Tables and Rules how to
Measure Board and Timber, a Table of Interest,
Tables for Purchasing and Putting out of Money
for Interest upon Interest, as also a Table shew-
ing the Rising and Setting of the Sun, &c. with the
Fairs, in a larger manner than formerly.

L O N D O N :

Printed by *Richard Jaucway*, for the Company
of Stationers. 1708.

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The Eclipses for the Year 1708 are as followeth.

There will appear to the Earth's Inhabitant's Four Eclipses for this present Year, Three whereof will be visible in *England* if Clouds do not hinder.

The First Eclipse is of the Sun on the 11th Day of *March*, about Six in the Morning, but cannot be seen here.

The Second is a visible Eclipse of the Moon the 25th Day of *March*, the middle time is about half an Hour past Five in the Morning, and almost half the Moon's Body will be darkned.

The Third is of the Sun, to be seen in *England*, if Clouds do not Interpose. The middle of this Eclipse is on the 3d Day of *September*, at Eight in the Morning; and one half of the Sun's Body will be darkned.

The Fourth and Last is a visible Eclipse of the Moon on *September* the 18th Day in the Evening; the middle whereof is 20 Minutes past Nine in the Evening, and near Four Parts of the Moon's Body will be darkned.

The Sun's Entrance into the Four Cardinal Signs.

HE enters γ *March* the 9th Day 33 Minutes past Noon, and then begins our Spring Quarter.

He enters β the 10th Day of *June*, 54 Minutes past Noon, and then begins our Summer Quarter.

He enters α *September* the 12th Day, Three Minutes past Two in the Morning, and then begins our Autumn Quarter.

He enters ω *December* the 10th, 20 Minutes past Four Afternoon, and then begins our Winter Quarter.

According to *Scientia Stellarum*.

A true Computation of some Things Memorable.

	The World began	5712
	Noah's Flood	4056
	The Birth of Abraham	3703
	The Birth of Isaac	3603
	The Birth of Jacob	3444
	The Birth of Joseph	3452
	Joseph was Sold by his Brethren	3434
	Jacob went down into Egypt	3413
	Moses was Born	3278
	The giving of the Law upon Mount Sinai	3198
	Moses died	3158
	David began to Reign	2762
	Solomon began to Build the Temple	2719
	Nebuchadnezzar Burnt it	2297
	Zorobabel began again to Build it	2225
	The Building of the Tower in London	2126
	Alexander the Great died.	2031
	The Building of Cambridge	2008
	Julius Caesar Conquered Britain	1759
	The Destruction of Jerusalem by Titus	1638
	S. John wrote his Revelation	1614
	Lucius the first Christian King began	1528
	Constantine the first Christian Emperor began	1384
	Cambridge was made an University	1074
	The first Mayor of London	518
	The Invention of Guns	338
	The Invention of Printing	268
	Tilbury Camp on S. James his Day	120
	The Powder Treason, November 5.	1605
	The beginning of the Great Frost November	1608
	The last great Plague in London	1665
	London almost consumed by Fire	1666
	Sir Edmund-Bury Godfrey was Murdered October	1678
	Marmouth was Beheaded July 15.	1681
	King James II. Abdicated in December 1688.	1688
	R. William and O. Mary Crown'd Apr. 11, 1689.	1689
	Queen ANNE Crown'd April 22, 1702.	1702
	The Great Wind November 27.	1703

A Table, shewing the Time of the Moon's coming to the South, and Quantity of her shining, for the ready finding the Hour of the Night.

The Moon's Age.	Moon's southing and shin.	Moon's Age for her Set.
1 16	0 48	1 29
2 17	1 36	2 28
3 18	2 24	3 27
4 19	3 12	4 26
5 20	4 0	5 25
6 21	5 48	6 24
7 22	5 36	7 23
8 23	6 24	8 22
9 24	7 12	9 21
10 25	8 0	10 20
11 26	8 48	11 19
12 27	9 36	12 18
13 28	10 24	13 17
14 29	11 12	14 16
15 30	12 0	15 15

The First Column of this Table shews at what Age the Moon rises after Sun Setting, or after this rising, to many Hours and Minutes as the Middle Column shews, as at Two Days Old she rises One Hour and 36 Minutes after the Sun, and at 17 Days Old she rises One Hour and 36 Min. after Sun-setting, &c. the Third Column is for the Moon's Setting, as at Two Days Old she Sets One Hour and 36 Minutes before the Sun, &c. the Middle Column shews how many Hours and Minutes the Moon shines, which from New Moon to Full Moon is to be used with the Third Column; To find her Southing, as at Six Days Old she is upon the Meridian 48 Minutes past Five at Night, but at 24 Days Old she Souths 48 Minutes past Five in the Morning.

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A Table, whereby you may find the Time of High Water at many Havens in and about England, and how many Hours and Minutes are to be added to the Time of the Moon's coming to the South for the Time of High Water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Port- mouth, Isle of Wight, Spitsl Kentish- knock.	Ho. M
S by W.	Rocheſter, Malden, Aberdeen, Redland.	0 45
S.S. W.	Graveſend, Downs, Romney, Tenner, Silly.	1 30
SW. by S.	Dunſee, S. Andr. S. Lucas, Bell-Iſle, Holy-Id.	2 15
S. W.	Loſt, Timour, Harſpool, Whiteſay, Amſ.	3 0
SW. by W.	Berwic. Flamborough-h. Bridlington-Bay.	3 45
W. S. W.	Scarborough, Severn, Mount's-Bay, Kingſale.	4 20
W. by S.	Newcaſt, Humber, Falmouth, Dartmouth.	5 13
E. and W.	Plimouth, Weymouth, Hall, Lyn, Antwerp.	6 0
E. by S.	Briſtol, Foulceſs at the Start.	6 45
E. S. E.	Milford, Bridgew. Landſend, Waterford.	7 20
SE. by E.	Porlan. Peterport, Harſew, Hague, Dublin.	8 15
S. S. E.	Pool, S. Helen, Orkney, Carnes, Man-Iſle.	9 0
E. by S.	Needles, Laiſto, North and South Foreland.	9 45
S. S. E.	Yarmouth, Dover, Harwich, Calai-Road.	10 30
E. by E.	Ry, Wincheſſey, Gorſe, Thames, Rhodet.	11 15
Moon's	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Moon
Age.	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Age.
South	12 1 2 3 4 5 6 7 8 9 10 11 12 13	11
at	48 36 24 12 0 12 24 36 48 0 12 24 36 48	31

The Tide Table Explained.

In the first Column you have the Point of the Compaſs, to the which the Moon coming maketh full Sea at thoſe Havens mentioned in the Second Column, and in the Third Column are the Hours and Minutes to be added to the Time of the Moon's Southing. I ſhall make it plain by an Example.

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The 22d of February, this Year 1708, I would know at what Hour it will be full Sea at *London-Bridge*. First I find the Moon's Age in the former Part of the Almanack (accounting it from the Change) to be 20 Days Old, which Age I find at the bottom of the Tide-Table, and under the same Four Hours the time of the Moon's coming to the South; then finding in the first Column that a South-Well Moon makes a full Sea at *London*, I add to her Southing Three Hours, as is shewed in the last Column, and it makes Seven Hours at Night the time of full Sea at *London-Bridge*; also observe that, when the Moon cometh to the contrary (or North-East) Point it is there full Sea again. Note, the Land Floods, Spring Tides, and contrary Winds, make it sooner or later about an Hour.

An Account of the Moveable Feasts.

THE moveable Feasts are so called for that they have not any fixed Place in the Kalender, as the fixed Feast Days of the Saints, which are always on the same Days of the Month; but they are varied every Year according to the diversity of the Moon, and do fall sometimes later, and sometimes sooner.

Quinquagesima is Shrove-Sunday. *Sexagesima* is the Sunday next before Shrove-Sunday. *Septuagesima* is the Sunday Fortnight before Shrove-Sunday; so called in remembrance of the 70 Years that the *Israelites* were under the *Babylonians*.

Quadragesima is the first Sunday in Lent: so called in remembrance of the 40 Days that *Moses* fasted when they received the Law.

Easter

Easter is the principal Feast of all other.

Rogation Sunday is the Sunday Fortnight before *Whitsunday*; so called *quia vos rogat Ecclesia*; the Church commands us to continue Fasting, Processions, and Prayers against Bodily and Spiritual Wolves.

Pentecost is *Quinquagesimus*; so called because there be 50 Days betwixt *Easter* and *Whitsunday* inclusively, observed in remembrance of the Law given to *Moses*. And to the Holy Ghost that appeared to the Apostles like cloven Tongues, *Acts* 2. 1.

Trinity Sunday is the next Sunday after *Whitsunday*. *Ascension Day* is the Thursday Seven-night before *Whitsunday*, and *Corpus Christi* is the Thursday Seven-night after *Whitsunday*. *Advent Sunday* is the Day before *Barbara Day*, which is always the 4th of *December*.

Before any thing is said concerning Days, Weeks, or Months, which are parts of Time, I hold it fit to speak somewhat first of time, and then of the chiefeſt Parts thereof.

Of Time.

Time is the Measurer of Motion, or a Number measuring the moving of the first moveable and other mutable things; which Time had his beginning with the World, and shall end with the same. It consisteth of Two Parts; that is, first and last, or before and after; both which are knit together in this Word (*Nunc*) now, or at

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this Present, which is the end of that which went before, and the beginning of that which followeth after. Some divide Time into Three Parts; past, present, and to come. Time present is a Moment indivisible, the beginner and ender of Time; and yet the least Part thereof itself.

Time is also divided into greater or lesser Parts; the greater are Calends, Nones, Ides, a Week, a Month, a Year, &c. There is a Space of Time called *Seculum*, an Age, or a Hundred Years. Another Space of Time is called *Ævum* Ten Ages. The lesser Parts of Time are Five. The First is called *Quadrans*, the Fourth Part of a Day, or Six Hours. The Second *Punctus*, the Fourth Part of an Hour in the Suns Account, and in the Moon's the Fifth Part. The Third *Momentum*, the Tenth Part of *Punctus*. The Fourth *Uncia*, the Twelfth Part of *Momentum*. The Fifth *Movus*, the Forty-eight Part of *Uncia*.

Of a Day.

A Natural Day is the Space of 24 Hours, in which the Sun is carried from the East to the West, and so round about the World into the East again. An Artificial Day is the Space that is between the Rising of the Sun, to the Going down of the same. And the Artificial Night is from the Sun's Setting to its Rising.

Of

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Of a Week.

IT's commonly called in *Latin Septimana, & Septemmane*, which is as much as to say, Seven Mornings, or Seven Days; whereof the First is called Sunday, the Second Monday, &c. Which Names the *Gentiles* gave to the Seven Days, in Honour to the Seven Planets, whom they worshiped as Gods: For they called the First Day, the Day of the Sun; the Second the Day of the Moon, and so forth.

Of a Month.

Solar is that Space of Time in which the Sun runneth through any one of the 12 Signs, being 30 Days.

Lunar is that Space of Time which the Moon spendeth, while departing from the Sun it returns to the same again.

Usual is that Number of Days which are set down in our common Kalenders, whereof some contain 30 Days, some 31, and February 28, and when it is Leap-year 29.

Romulus first divided the Year into 10 Months, and called the First Month *Martius a Marte*. The Second *April, ab aperiendo*. The Third *May, a majoribus*. The Fourth *Junius, a Junioribus*. The rest *Quintilis, Sextill, September, October, &c.* because they were 5, 6, 7, 8, &c. Months distant from *March*. But after *Numa Pompilius* added Two Months more to make Two, calling the one *January a Janua*, because it is a Gate to pass by
into

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into the Year. And the other Month he called *February a Februo, id-eſt, a Plutone*, becauſe the Romans then offered *Sacrifice to Pluto*.

Julius Caesar in his time altered the Month *Quintilis* to *July*, calling it after his Name; after that *Augustus Caesar* called the Month *Sex-tilis August*, after his own Name.

Of a Year, and of the Leap-year.

IN Latin it is called *Annus*, from *Annulus* a Ring, in reſpect they both turn round in themſelves. *In ſe ſua per veſtigia voluitur Annus*.

There be divers Kinds or Differences of Years, and divers Computations had thereof in divers Ages, and amongſt divers Nations; but I omit them, and will ſpeak only a Word of the *Julian Year*, which is alſo Twofold, Common, and Biſſextile, or Leap-year; which ſaid Common Year conſiſteth of 365 Days and 6 Hours, which 6 Hours if they ſhould be reckoned at every Year's end would make a great Confuſion, and therefore is reckoned at the end of every Fourth Year, which makes the Leap-year, conſiſting of 366 Days. For Four times Six maketh 24 Hours, which is one whole natural Day, whereof that Year is called the Leap-year; which Day is added to *February*, becauſe it is the ſhorteſt Month, and this Day they put at the 24th of *February* upon which *St. Matthias* Day falleth.

Of Weights and Measures.

Of Troy Weight.

Apothecaries Weight.

24 Grains	} Make	1 Peny w.	20 Grains	} Make	1 Scruple
20 Peny weig.		1 Ounce.	3 Scruples		1 Dram.
12 Ounces		1 po. Troy.	8 Drams		1 Ounce.
			12 Ounces		1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 16 Ounces, 12 Peny Weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of Weight.

16 Drams	} Make	an Ounce.	28 Pound	} Make	1 Quarter.
16 Ounces		a Pound.	4 Quarters		1 H. or 112 lb.
			20 Hundreds		1 Tun.

Of Liquid Measure.

Dry Measure.

2 Pints	} Make	1 Quart.	2 Gallons	} Make	1 Peck.
2 Quarts		1 Pottle.	4 Pecks		1 Bushel.
2 Pottles		1 Gallon.			Land Meas.
4 Gallons		1 Firkin of Ale, Sope, Herrings.	5 Pecks		1 Bushel.
		1 Firkin of Beer.	8 Bushels		Wat. Meas.
9 Gallons		1 Firkin of Salmon or Eels.	4 Quarters	} Make	1 Quarter.
10 Gall. $\frac{1}{2}$		1 Kilderkin.	5 Quarters		1 Chalder.
2 Firkins		1 Barrel.			1 Wey.
2 Kilderk.		1 Tierce of Wine.			
42 Gallons		1 Hoghead.			
23 Gallons		1 Pipe, Butt.			
6 Hogsh.					

Long Measure.

Land Measure.

Cloth Measure.

1 Pole in Breadth, and 40 in Length, make a Rood of Land,	4 Nails	} Make	1 Quarter.
4 Roods make an Acre, which contains 160 square Pole.	4 Quarters		1 Yard.
	5 Quarters		1 Ell.
	3 Quarters		1 Ell. Flem.

The

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The Value of Foreign Coins in English Money.

	lb.	sh.	d.	Weight and Measures mentioned in Scripture.
Hebrew Talent in Gold	4500	0	0	A Shekel in Weight
Hebrew Talent in Silver	375	0	0	$\frac{1}{4}$ of an Ounce
Alexandrian Talent	375	0	0	Shekel of the Sabbath
Egyptian Talent	250	0	0	ary $\frac{1}{2}$ an Ounce
Babylonian Talent	218	15	0	A Talent 62 Pounds
Assyrian Talent	187	10	0	A Pound 12 Ounces
Sisterium of Rome	7	16	3	A Mules Burthen 200
A Shekel	0	2	6	Weights
A Sesterius	0	2	6	A Log half a Pint
A Drachma	0	0	7 $\frac{1}{2}$	A Hin Three Quarts
A Rubble	0	13	4	A Bath Nine Gallons
A Sulkany	0	7	6	Three Quarts
A Ducat	0	6	8	A Pot or Sexary, a
A French Crown	0	6	8	Pint and an half
A Xeriffe	0	6	0	A Measure or Choc-
A Rix Dollar	0	4	8	nix, a Quart
A Floren	0	3	0	A Firkin Four Gallons
A Frank	0	2	0	and an half
A Livre at Paris	0	1	6	A Kab, a Quart
A Gilder	0	2	0	An Omer Three Pints
A Spanish Real	0	0	6	and an half
A Solus	0	0	10	A Measure or Seah
A Turkish Asper	0	0	10	Gallon and an half
A Maravidis	0	0	09	An Ephah, half a Bush-
				el and Potde
				Half Homer or Lether,
				7 Bushels and Quart.

Five Seivers are equal to Six Pence Sterling, Six Seivers are a Flemish Shilling, 20 Seivers or Sholds Turnois make a Gilder, and 120 Seivers make a Livre or Pound Flemish, which is reckoned equal to 12 Shillings Sterling. The Daccarons are equal to 10 Dutch Shillings, or 60 Seivers; Pattoons are equal to 48 Seivers, or Eight Dutch Shillings, 8 Doits make a Seiver. The Weight called a Quinral is 104 Pound, in some Places 108.

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Foreign Coin reduced to English Money.

Spanish Money.

6 Coprados	} Make 1	Mervid.
54 Mervids		Ryal or 6 d. English.
11 Ryals		Ducat.
8 Ryals		Piece of 8, or 4 s. English.
4 Quercilards		

Portugal Money.

40 Rees	} Make 1	Ryal or 6 d. English.
2½ Ryals		Telloon.
4 Telloons or 10 Ryals		Ducat.
2½ Ducats		Milri of Gold.

French Money.

12 Deniers	} Make 1	Soult.
20 Soultx		Frank or Livre.
16 Soultx		Cardeque.
4 Carducps		Crown.

Scotch Money.

1 Small Piece	} Make	2 d. 1 q. English.
3 Small Pieces		1 Noble Scotch or 6 d. $\frac{2}{3}$ English.
2 Nobles Scotch		1 Mark or 13 d. $\frac{1}{2}$ English.
3 Nobles Scotch		1 l. Scotch or 20 d. $\frac{1}{2}$ English.

Flemish Money.

2 Pence	} is	1 Groat.
3 Groats		1 Single Silver.
10 Single Silvers		1 Doubt. Silv. or 3 d. 1 q. Eng.
20 Sin. Silv. or 10 double		1 Guilder 3 s. 4 d. English.
6 Guilders		1 Pound.

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A Plain and Easie Table, shewing the true Interest due upon any Sum of Money from Five Shillings to an Hundred Pounds, for a Year or under, after the Rate of Six Pounds in the Hundred.

	Shill.	1 Month.			3 Months.			6 Months.			9 Months.			A Year.		
		lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	2
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	1
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	7	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
Tens of Pounds.		po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	13	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the First Column, and in the other you have the Interest due for One, Three, Six, Nine, or Twelve Months.

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A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compass of any Round Piece of Timber.

The Compass of the Tree in Inches.

Com.	In.	Parts.	Com.	In.	Parts.	Com.	In.	Parts.
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	822	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	151	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	228	51	8	349	81	3	310
22	44	865	52	8	30	82	3	230
23	40	904	53	7	730	83	3	152
24	37	690	54	7	447	84	3	71
25	34	743	55	7	178	85	3	6
26	32	122	56	6	924	86	2	936
27	29	789	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	566
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	755	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	696	98	2	261
39	14	276	69	4	561	99	2	216
						100	2	177

The use of the Table.

First girt the Piece about, then look the Length of the Girt under the Title Com. and against it is the Length of a Foot Solid, in Inches and Parts of Inches.

Example.

Suppose a Piece of Timber be 80 Inches about, then look 80 under the Title Com. and against it in the next Column toward the Right Hand is Three Inches, and 393 Decimal Parts of an Inch, (that is 393 Thousand Parts, supposing the Inch to be divided into 1000 Parts) for the Length of a Foot.

For Square Timber.

Divide always 1728, (the Cubick Inches in a Foot Solid) by the Content at the end, and the Quotient shews the Length of a Foot Solid in Inches.

Example.

Let a Piece of Timber be 12 Inches Broad, and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728, the Quotient is 14 Inches, and $\frac{1}{15}$ Parts for the Length of a Foot Solid.

For Boards.

Divide always 144 (the Inches in a Foot Square) by the Breadth, and the Quotient shews the Length of a Foot Square in Inches.

Example.

If a Board be 16 Inches Broad, then 144 divided by 16, the Quotient is Nine Inches for the Length of a Foot, according to that Breadth.

For Circles.

If the Circumference be given, Multiply it by itself, and then by Seven, the last Product divide by 88, and the Quotient shews the Content: If the Diameter be only given, Multiply it by itself, and then by 11, the last Product divide by 14, and the Quotient shews the Contents.

A Table of the hour and minute of Sun-rising every second day.

Day	January	February	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	8 4	7 15	6 16	5 14	4 21	3 46
4	8 1	7 11	6 12	5 10	4 17	3 45
6	7 58	7 7	6 8	5 6	4 14	3 44
8	7 56	7 3	6 4	5 2	4 11	3 43
10	7 53	6 57	6 0	4 58	4 7	3 43
12	7 51	6 53	5 56	4 54	4 5	3 43
14	7 48	6 50	5 52	4 50	4 2	3 43
16	7 45	6 46	5 48	4 46	4 0	3 44
18	7 43	6 42	5 44	4 43	3 58	3 45
20	7 40	6 38	5 40	4 39	3 56	3 46
22	7 37	6 34	5 36	4 35	3 54	3 47
24	7 33	6 30	5 32	4 32	3 52	3 48
26	7 29	6 26	5 29	4 29	3 50	3 49
28	7 25	6 22	5 25	4 25	3 48	3 50
30	7 21	6 0	5 21	4 22	3 47	3 52

Day	July	August	Septem.	Octob.	Nov.	Decem.
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 15
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	4 50	5 50	6 52	7 47	8 17
10	4 3	4 54	5 54	6 56	7 51	8 17
12	4 6	4 58	5 58	7 0	7 54	8 17
14	4 8	5 2	6 2	7 4	7 57	8 17
16	4 11	5 6	6 6	7 8	7 59	8 16
18	4 15	5 10	6 11	7 12	8 1	8 15
20	4 18	5 14	6 15	7 15	8 3	8 15
22	4 21	5 18	6 20	7 19	8 5	8 14
24	4 24	5 21	6 24	7 22	8 7	8 12
26	4 27	5 25	6 28	7 25	8 9	8 10
28	4 30	5 29	6 32	7 29	8 11	8 9
30	4 34	5 32	6 36	7 32	8 13	8 7

Seek the day on the side; and right against it, in every month, you have the hour and minute of the Sun-rising.

Look how many minutes the Sun rises after 3, 4, 5, 6, 7, 8. So many he sets before 9, 8, 7, 6, 5, 4.

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A Table shewing how to find Easter for ever by the help of the Golden Number and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar. 26	27	28	29	21	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	4	4	5	6	mar. 31	apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar. 28	29	30	31	apr. 1
xi	Apr. 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar. 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	5	7	8
xvi	Mar. 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 30	31	apr. 1
xix	Apr. 23	24	18	19	20	21	22

Year of our Lord	1705	1706	1707	1708	1709	1710	1711
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G.N.	15	16	17	18	19	1	2
D. Le.	G	F	E	DC	B	A	G

The

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The Names of the principal Fairs in England, as they have heretofore been set forth by others, and are now Corrected and continued for the common good.

January.

THE 5 day at Hicetford in Lancashire, the 6 day at Salisbury, Tuesday after at Melton-Mowbray, the Thursday after at Banbury: the third Tuesday in January at Potton: the 25 at Gravesend, Bristol, Churchinford, Northallerton in Yorkshire every Wednesday from Christmas till June.

February.

The 1 day at Bromley in Lancashire, the 2 at Reading in Berkshire, at Maidston, Bicklesworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Faversham: 24 at Henley upon Thames, Baldock: On AshWednesday at Royfton, Dunstable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The first Thursday in Lent at Banbury: the 26 at Stanford an Horse Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Alsome in Norfolk, Sudbury, Wooburn, Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham. Alesbury: Munday before our Lady day at Kendal, at Wisbich. 25 at Huntington, Northampton, Malder, Ashwell in Hartfordshire, Newcastle, Oney, S. Albans: Midlent Saturday at Saffron-Walden: Palmsunday-eve at Wisbich, Worcester, Pomfret, on Goodfriday at Norwich, the Tuesday before Easter at Potton.

April.

Easter Munday at Oney in Bedfordshire, Gainsborough, Easter Tuesday at Daintry in Northamptonshire, Godmanchester, Schole in Norfolk, S. Edmunds-bury. On Wednesday at Wellingborough in Northamptonsh. On Friday
in

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is the same week at Darby. On Saturday at Bicklesworth: 2 day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingsworth, Bicklesworth: the 11 at Stabford, 13 at Ipswich, Harbin in Norfolk, Northampton, Sapfar in Hartfordshire, Charing, Hinningham, Tamworth, Bury in Lancashire, St Pombs in Cornwal, Ampthill, Chichester, Engfield, Gilford, Bishops-Hatfield: the 15 at Buckingham, at Bourn in Lincoln. at Colebrook, Dunmow in Essex, Darby, Oakham in Rutlandshire: the 19 at Tenderden in Kent, Cleer. 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard in Huntingdonshire, Rippon in Yorks. Reading, Maidstone, Chelmsford, Leicester, Litchfield, Lexfield in Suffolk, Stow, Stansted, Tuxford in the Clay, the 3 day at Elstow in Bedfordshire, Noneat on in Warwick. Thetford in Norfolk, Walham Abby, Hinningham, Rochdale, Bramyard, the 6 at Almesbury, at Ashford, 7 at Newton in Lancashire, Beverly, Oxford, Bath: the 8 at Maidstone: the 11. 12. 13. at Applechaw, 19 at Rochester, Dunstable, Magfield in Suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Neots, Wickham in Lancashire, Middle-wich in Cheshire, Chappel-Frith in Darbish. On Whitsun-even at Skipton in Craven. On Whitsun-Munday at S. Ives, Rygate in Surry, Bicklesworth, Bradford, Agmuntham in Buckinghamsh. On Whitsun-Tuesday at Newmarket. On Wednesday at Royston. Thursday at Owndle in Northampton. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Christi day at Banbury, Bishopstratford, S. Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidstone. 11 at Breme in Norfolk, Bardfield in Essex. 17 at Hadstock, 23 at S. Albans, Deerham in Norfolk, Shrewsbury, 24 at Hailon in Suffolk, Earnwel by Cambridge, Bedford, Colchester, Hartford,

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Hartford, Leicester, Rurnford, Reading, Windsor, Hallifax, York, Beverly, Haslingden, 26 at Bristol, Darby. 27 at Burton on Trent, Folfstone. 28 at S. Pombs in Cornw. 29 at Peterborough, Ashwel, Sudbury, Stebbing in Essex, Benington in Hartfordshire.

July.

The first Tuesday at Potton. The 1, 2, 3 days at Conglestone in Cheshire, 7 at Roykon, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock. The 22 at Ickleton, Bicklesworth, Norwich, Colchester, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipswich, Stamford.

August.

The first day at Bedford, S. Neots, Dunstable, Feverham, Wisbich, Bicklesworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars-bush, Burton. the 28 at Ashford, Daintry, : the 29 at Halsen in Suffolk, Harlow-Bush in Essex, Watford.

September.

The first day at S. Giles in the Bush. On Thursday and Friday before the 8 day at Sandback in Cheshire. 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware, 8 at Huntington, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbridge fair begins: The 11 at Woolpit in Suff. 14 at Rippon, Waltham-Abby, Chesterfield in Darbshire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holdernefs, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Basingstoke, Marketdeeping, Shelford in Bedfordsh. Bishopstratford. Malden, Stow in Lincolnth. S. Albans, Canterbury, Leicester, Newbury, Westchester, Weymer for 7 days: Thursday after at Banbury.

October.

Swallow

The 1 day at Salisbury, the
stone, Coolidge, Gayworth
wich: the 8 at Bishopstrat
rough: the 13 at Winsor, Co
Royston: the Tuesday before
Ely, Bishop Hatfield, Barnet
Trent, Wellinborough: the
try: the 23 at Bickelworth,
28 at Newmarket Hartford, O
ford, Richdale, in Lancashire.
and Wednesday in Easter wee

Nov

The 1 day at Chelmsford
Thames, Padamhaston in Suff
ford, Hartford, 11 at Lodden
hamshire, Hempton, Focking
rough: the 17 at Spalding in
Hide, Northampton: the 19 at
S. Edmundsbury, Ingerston in
wich, the 20 at Baldock, Bar
denhead, Warrington, Rochef

Decem

The first day at Tutbury:
S. Neots, at Woodstock, Ex
Cheshire, Seven-oak in Kent.
at Sandhurst, the 8 at North
shire, Huntington, Leicester, at
at Canterbury, Salisbury.

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October.

ury, the 6 at Havent in Hampf. Mald-
worth by Lyn, S. Faiths by Nor-
ppstratford, Harborough, 9 Gainsbo-
for, Colchester, Gravesend, Hitchin,
y before S. Luke at Potton: 18 at
Barnet, Banbury, Thrift, Burton, on
: the 21 at Saffron Walden, Coven-
worth, 24. 25, 26. at Applechaw,
ford, Oxford, Difs, Wakefield, Stam-
ashire. The 2^d Wednesday in Octob.
ster week, at Southall in Middlesex.

November.

lmsford, 2 at Epping, Kingston on
n in Suffolk, 6 at Newport pond, Bel-
Lodden in Norfolk, Lenton in Notting-
Fockingham, Bridgestock, Marlbo-
lding in Lincolnsh. Lincoln, Harlow,
the 19 at Horsham in Kent: the 20 at
rfton in Essex, Heath. the 23 at Sand-
ok, Bareford, Kolingborough, Mai-
Rochester, Wakefield, York.

December.

tbury: the 5 at Pluckley: the 9 at
ock, Exeter, Spalding, Norwich in
in Kent. Arundel, Grantham: the 7
t Northampton, Clitheral in Lanc-
cester, at Malpas in Cheshire: the 19
bury.

F I N I S.